Peak District National Park

Forecast valid from 00:00 on Thursday 19 May 2022 until 23:59 on Friday 20 May 2022

Forecast Issued on Wednesday 18 May 2022 at 13:51

Confidence: High for the overall story but moderate for the timings of any rain bands, low for the intensity of any showers.

Headline for Thursday 19 May 2022: Fine and dry with plenty of sunshine.

Mountain weather hazards on Thursday 19 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Mist	Sunny	Sunny	Sunny	Cloudy	Partly cloudy (night)
Precipitation probability							
20%	10%	10%	00%	00%	00%	<05%	<05%

Forecast for Thursday 19 May 2022

Weather: A fine and dry night with light winds and clear spells in the east but some patchy low cloud in the west, generating areas of mist and hill fog at height. These will be brief and will lift quickly after sunrise, giving way to a sunny day though the sky will appear hazy at times.

Chance of cloud-free hill tops above 600m: 70-80% becoming 95% or more.

Low cloud and visibility: Some patches of low cloud around 400-500m at dawn, reducing slightly visibility in the west but lifting quickly after sunrise. Good to very good after that, with distant hills clearly visible.

Forecast for Thursday 19 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/25 SW	15/21 SW	15/21 W	14/20 W	13/19 W	10/16 SW	10/15 SW	6/8 SW	7/10 SW
300	11/17 S	10/17 SW	10/15 SW	10/15 W	9/15 W	8/13 SW	7/12 SW	5/8 SE	6/8 S
Valley	8/19 S	7/16 SW	7/14 SW	9/16 W	9/16 W	7/13 SW	6/13 SW	4/8 NW	3/7 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	8/5	7/4	8/5	11/9	13/11	13/11	10/8	8/6
300	11/9	10/8	10/7	11/9	14/12	16/14	16/14	12/11	10/9
Valley	12/10	11/10	10/9	13/11	15/14	17/16	16/15	12/12	10/9
Freezing Level*	2100m	1700m	1500m	1400m	1400m	1700m	1700m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels expected, sun protection and plenty of water advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 17 May 2022	0.6mm	8mm	9mm

Forecast for Friday 20 May 2022

Weather: A cloudier and breezier day overall, with showers spreading from the west. These will be few and far between in the morning but will become heavier and more frequent in the afternoon, with a risk of thunder and lightning.

Maximum wind: South-westerly 15mph with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 95% becoming 20-40% in the afternoon, particularly in western parts.

Low cloud and visibility: Very good initially but deteriorating through the day to become moderate or even mediocre in and around any showers, with cloud base as low as 500m at times.

Temperature: **Valleys:** Plus 8 Celsius, becoming Plus 15 Celsius
At 600m: Plus 3 Celsius, becoming Plus 09 Celsius
Freezing level: Above summits